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PTO/SB/05 (4/98)

Approved for use through 09/30/2000, OMB 0651-0032
Patent and Trademark Office: U S DEPARTMENT OF COMMERCE

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**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 C.F.R. § 1.53(b))

Attorney Docket No. 612.39353X00

First Inventor or Application Identifier Sophie BALAVEN

Title See 1 in Addendum

Express Mail Label No.

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. * Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. Specification [Total Pages 20]
 - Descriptive title of the Invention
 - Cross References to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to Microfiche Appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
3. Drawing(s) (35 U.S.C. 113) [Total Sheets 5]
4. Oath or Declaration [Total Pages]
 - a. Newly executed (original or copy)
 - b. Copy from a prior application (37 C.F.R. § 1.63(d))
(for continuation/divisional with Box 16 completed)
 - i. DELETION OF INVENTOR(S)
Signed statement attached deleting
inventor(s) named in the prior application,
see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).

NOTE FOR ITEMS 1 & 13 IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28).

Assistant Commissioner for Patents
ADDRESS TO: Box Patent Application
Washington, DC 20231

5. Microfiche Computer Program (Appendix)
6. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
 - a. Computer Readable Copy
 - b. Paper Copy (identical to computer copy)
 - c. Statement verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

7. Assignment Papers (cover sheet & document(s))
8. 37 C.F.R. § 3.73(b) Statement Power of
(when there is an assignee) Attorney
9. English Translation Document (if applicable)
10. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS
Citations
11. Preliminary Amendment
12. Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
13. * Small Entity Statement(s) Statement filed in prior application
(PTO/SB/09-12) Status still proper and desired
14. Certified Copy of Priority Document(s)
(if foreign priority is claimed)
15. Other:

16. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment:

Continuation Divisional Continuation-in-part (CIP) of prior application No. /

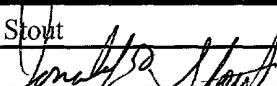
Prior application information: Examiner

Group / Art Unit:

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

17. CORRESPONDENCE ADDRESS

<input checked="" type="checkbox"/> Customer Number or Bar Code Label	020457		or <input type="checkbox"/> Correspondence address below (Insert Customer No. or Attach bar code label here)	
Name				
Address				
City	State		Zip Code	
Country	Telephone		Fax	

Name (Print/Type)	Donald E. Stout	Registration No. (Attorney/Agent)	26,422
Signature			Date 12/14/00

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231

Attachment to PTO/SB/05 (4/98) Utility Patent Application
Transmittal

1. METHOD OF GENERATING A GRID ON A HETEROGENEOUS FORMATION CRODDED BY ONE OR MORE GEOMETRIC DISCONTINUITIES IN ORDER TO CARRY OUT SIMULATIONS

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FEE TRANSMITTAL

for FY 2000

Patent fees are subject to annual revision

Small Entity payments **must** be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12. See 37 C.F.R. §§ 1.27 and 1.28.

TOTAL AMOUNT OF PAYMENT (\$710.00)

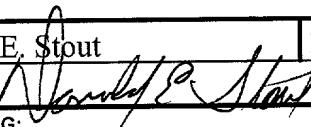
Complete if Known

Application Number	
Filing Date	December 4, 2000
First Named Inventor	Sophie BALAVEN
Examiner Name	
Group / Art Unit	
Attorney Docket No.	612.39353X00

METHOD OF PAYMENT (check one)		FEE CALCULATION (continued)						
1. <input type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to								
Deposit Account Number	01-2135							
Deposit Account Name	Antonelli, Terry, Stout & Krasu, LLP							
<input checked="" type="checkbox"/> Charge Any Additional Fee Required <small>Under 37 CFR §§ 1.16 and 1.17</small>								
2. <input checked="" type="checkbox"/> Payment Enclosed:		<input type="checkbox"/> Check	<input type="checkbox"/> Money Order	<input checked="" type="checkbox"/> Other				
FEE CALCULATION								
1. BASIC FILING FEE								
Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid					
101 690	201 345	Utility filing fee	710.00					
106 310	206 155	Design filing fee						
107 480	207 240	Plant filing fee						
108 690	208 345	Reissue filing fee						
114 150	214 75	Provisional filing fee						
SUBTOTAL (1)		(\$)	710.00					
2. EXTRA CLAIM FEES								
Extra Claims		Fee from below	Fee Paid					
Total Claims	14	-20** = 0	x	18	= 0			
Independent Claims	1	- 3** = 0	x	80	= 0			
Multiple Dependent					= 0			
**or number previously paid, if greater; For Reissues, see below								
Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid					
103 18	203 9	Claims in excess of 20						
102 78	202 39	Independent claims in excess of 3						
104 260	204 130	Multiple dependent claim, if not paid						
109 78	209 39	** Reissue independent claims over original patent						
110 18	210 9	** Reissue claims in excess of 20 and over original patent						
SUBTOTAL (2)		(\$)	0.00					
Reduced by Basic Filing Fee Paid						SUBTOTAL (3) (\$)		
						0.00		

SUBMITTED BY

Complete (if applicable)

Name (Print/Type)	Donald E. Stout	Registration No. (Attorney/Agent)	26,422	Telephone	
Signature				Date	12/04/00

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